

Abstract of the Disclosure

The invention includes a liquid crystal display panel including spacers and a method of making this panel. The spacers, which are positioned in the liquid crystal-filled gap between a first substrate and a second substrate, provide support to the substrates and prevent the substrate from bending when the device is used as a touch screen panel. By preventing the bending of the device, the spacers help prevent the undesirable ripple effect suffered by liquid crystal devices. In order to minimize the amount of light blocked by the spacers, the spacers are formed in a region where light is substantially intercepted anyway, such as in a contact hole. A black matrix layer is formed on the spacers. The spacers may be distributed unevenly between the substrates, depending on how much force each of the spacers will have to absorb in each area of the panel.